

Form PTO-1449

Docket Number 221612001002

Application Number 10/713,748

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

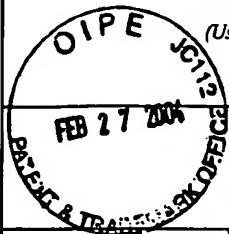
Applicant

Scott K. PALM et al.

Filing Date November 13, 2003

Group Art Unit Not Yet Assigned

Mailing Date February 25, 2004



U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
D3	1.	07/10/2003	2003/0127022	Palm et al.	1	1	
D3	2.	02/08/1966	3,233,740	Vander Linden et al.	1	1	
D3	3.	10/15/2002	6,464,770	Palm et al.	1	1	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
D3	4.	02/14/2002	WO 02/11882	WIPO			English

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title

EXAMINER:

DM Bransman

DATE CONSIDERED:

4/28/05

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 221612001002	Application Number Not Yet Assigned - Continuation of USSN 10/268,573
	Applicant Scott K. PALM et al.	
	Filing Date Concurrently Herewith	Group Art Unit Not Yet Assigned
	Mailing Date November 13, 2003	

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
DB	1.	12/02/1947	2,431,884	Neuschotz			
	2.	07/08/1952	2,602,782	Zoradi			
	3.	10/28/1975	3,915,735	Moreland			
	4.	04/07/1981	4,260,498	Sample, Jr. et al.			
	5.	10/14/1986	4,617,128	Ostreicher			
	6.	07/30/1991	5,035,804	Stowe			
	7.	07/07/1998	5,776,353	Palm et al.			
DB	8.	06/01/1999	5,908,561	Palm et al.			
DB	9.	08/11/1987	4,686,253	Struss et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES	NO
DB	10.	05/21/1959	DE 10 57 577 B	Germany				X
	11.	05/25/1982	SU 929 164 B	U.S.S.R.				
DB	12.	09/26/1984	EP 0 119 411 A2, A3	Europe				

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
DB	13.	Bear, Jacob (1988). "Derivations of Darcy's Law" in Chapter 5 "The Equation of Motion of a Homogeneous Fluid" in <u>Dynamics of Fluids in Porous Media</u> , 2nd edition, (Dover Publications, Inc., New York) pp.161-176.
DB	14.	Berry, L.G. and Mason, Brian (1983). Part IV. Appendixes, "Appendix A. Natural glasses and macerals" in <u>Mineralogy</u> (New York: Freeman and Co.) pp. 540-546.
DB	15.	Breese, Richard O.Y. and Barker, James M. (1994). "Perlite" in <u>Industrial Minerals and</u>

EXAMINER:

DM Brunsmen

DATE CONSIDERED:

4/28/05

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Docket Number 221612001002	Application Number Not Yet Assigned - Continuation of USSN 10/268,573
		Applicant Scott K. PALM et al.	
		Filing Date Concurrently Herewith	Group Art Unit Not Yet Assigned
		Mailing Date November 13, 2003	
DB		Rocks (Society for Mining, Metallurgy, and Exploration, Inc., Littleton, Colorado) 6th Edition, pp. 735-749.	
	16.	Cain, C.W., Jr. (1984)*. "Filter aid, use in filtration" Chapter 21, "Expanders to Finned Tubes, Selection of" in <u>Encyclopedia of Chemical Processing and Design</u> (New York: Marcel Dekker, Inc.) pp. 348-372.	
	17.	Carman, P. C. (1937)*. "Fluid flow through granular beds" <i>Trans.-Institution of Chem. Eng.</i> pp. 150-166.	
	18.	Heertjes, P. M. and H. v.d. Haas (1949)*. "Studies in filtration. Part I" <i>Recueil</i> 68:361-383.	
	19.	Heertjes, P. M. and Lerk, C. F. (1966)*. "Filter blocking, filter media and filter aids" Chapter 2 in <u>Solid-Liquid Separation</u> (London: Her Majesty's Stationery Office), pp. 37-43.	
	20.	Hermanson, Greg T. et al. (1992)*. <u>Immobilized Affinity Ligand Techniques</u> (San Diego: Academic Press Inc.) (Table of Contents).	
	21.	Kadey, Frederic L., Jr. (1983)*. "Diatomite" in <u>Industrial Minerals and Rocks (Nonmetallics other than Fuels)</u> (Society of Mining Engineers of the American Institute of Mining, Metallurgical, and Petroleum Engineers, Inc., New York, New York) Fifth Edition, Volume 1, pp. 677-708.	
	22.	Kiefer, J. (IV) (1991)*. "Kieselguhr filtration" <i>Brauwelt International</i> pp. 300-302, 304-309.	
	23.	Nordén, Harry V. and Kauppinen, Petteri (1994)*. "Application of volume balances and the differential diffusion equation to filtration" <i>Separation Science and Technology</i> 29(10): 1319-1334.	
	24.	Ruth, B. F. (1946)*. "Correlating filtration theory with industrial practice" <i>Industrial and Engineering Chemistry</i> 38(6):564-571.	
	25.	Sperry, D. R. (1916)*. "The principles of filtration" <i>Metallurgical and Chemical Eng.</i> , Vol. XV(4):198-203.	
	26.	Stein, H. A. and Murdock, J. B. (1955)*. "The processing of perlite" <i>California Journal of Mines and Geology, State of California Division of Mines</i> 51(2):105-116.	
	27.	Tiller, F. M. (1953)*. "The role of porosity in filtration. Numerical methods for constant rate and constant pressure filtration based on Kozeny's law" <i>Chemical Engineering Progress</i> 49(9):467-479.	
	28.	Tiller, F. M. and Cooper, Harrison (1962)*. "The role of porosity in filtration: Part V. Porosity variation in filter cakes" <i>A.I.Ch.E. Journal</i> 8(4):445-449.	
V	29.	Tiller, F. M. and Shirato, Mompei (1964)*. "The role of porosity in filtration: VI. New definition of filtration resistance" <i>A.I.Ch.E. Journal</i> 10(1):61-67.	
DB	30.	Trivedi, Nikhil C. and Hagemeyer, Robert W. (1994)*. "Fillers and coatings" in <u>Industrial Minerals and Rocks</u> (Society for Mining, Metallurgy, and Exploration, Inc., Littleton, Colorado) 6th Edition, pp. 483-495.	
EXAMINER: <u>DM Brunsman</u>		DATE CONSIDERED: <u>4/28/05</u>	
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.			

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Docket Number 221612001002	Application Number Not Yet Assigned - Continuation of USSN 10/268,573
		Applicant Scott K. PALM et al.	
		Filing Date Concurrently Herewith	Group Art Unit Not Yet Assigned
		Mailing Date November 13, 2003	
DB	31.	Derwent Abstract of SU 929 164 B (January 3, 1983).	
DB	32.	Derwent Abstract of EP 0 119 411 A2 (March 5, 1984).	
<p>10 month provided</p> <p>no date provided DB</p>			
EXAMINER: DM Brunsmen		DATE CONSIDERED: 4/28/05	
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.			

pa- 838458

PTO/SB/ 08 (2-92)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE